

**Abstract**

The invention relates to a device for actuating double seat valves, which are especially suitable for the food and beverage industry and which have an independently actuated first closing element (3), which is designed as a sliding piston and a fully dependent on this actuated second closing element (4), which is designed as a seat disc, whereby the actuator (100, 200) produces at all times using a main adjustment device (100) for the fully open position (H) as well as, for the case of maximum requirements, the respective individual adjustment devices (200; 200.1, 200.2) which are assigned to the closing elements (3, 4) for generation of the partially open positions (T1, T2) acting in opposite directions for the seat cleaning of the closing elements (3, 4). The object of the invention is to design a device according to this generic type in such a manner that it is constructed as simply as possible and is easily and economically adjustable to the various requirements which are put onto a double seat valve of the type in discussion (only full opening stroke or full opening stroke as well as seat cleaning partial strokes). This is thus achieved in that the individual adjustment devices (200; 200.1, 200.2) are designed stand-alone and are additively inserted between the main adjustment device (100) and a valve housing (1), that the third working piston (206; 206/206.1) is positioned able to be moved axially on the second control rod (4a, 204) which is designed as a hollow rod, and encloses the first control rod (3a, 203) and is able to be brought in the direction of the second partially open position (T2) in a clamped connection, that the second actuating piston (205) is tightly connected on one side with the first control rod (3a, 203) which adjusts the first closing element (3), that it is otherwise directly or indirectly positioned able to be moved axially on a first actuator stem (103) of the main adjustment device (100) and is able to be brought with this in the direction of the fully open position (H) in a clamping connection, and that it is able to be loaded with pressurizing medium on each of its two piston surfaces (**Figure 2**).